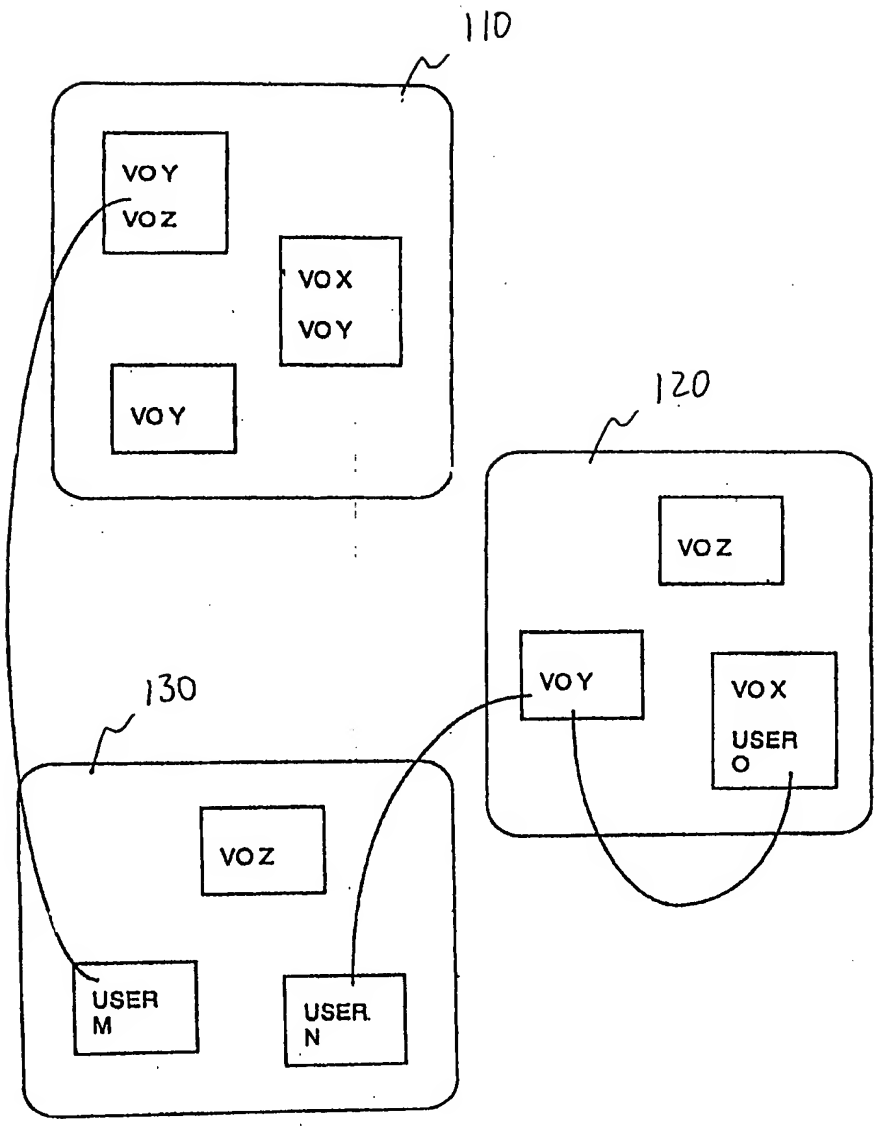
110
VOY
VOZ
VOX
VOY
VOY
120
VOZ
VOY
VOX
USER
O
130
VOZ
USER
M
USER
N

FIGURE 1

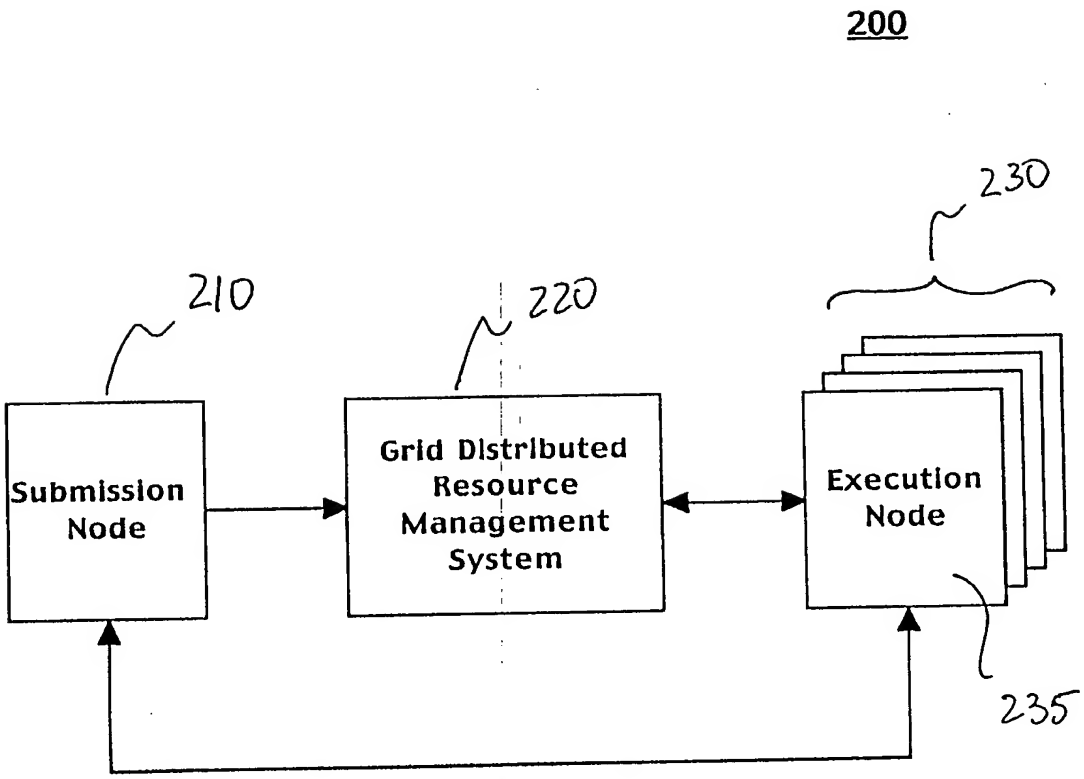
200
230
210
220
Submission Node
Grid Distributed Resource Management System
Execution Node
235

Fig. 2

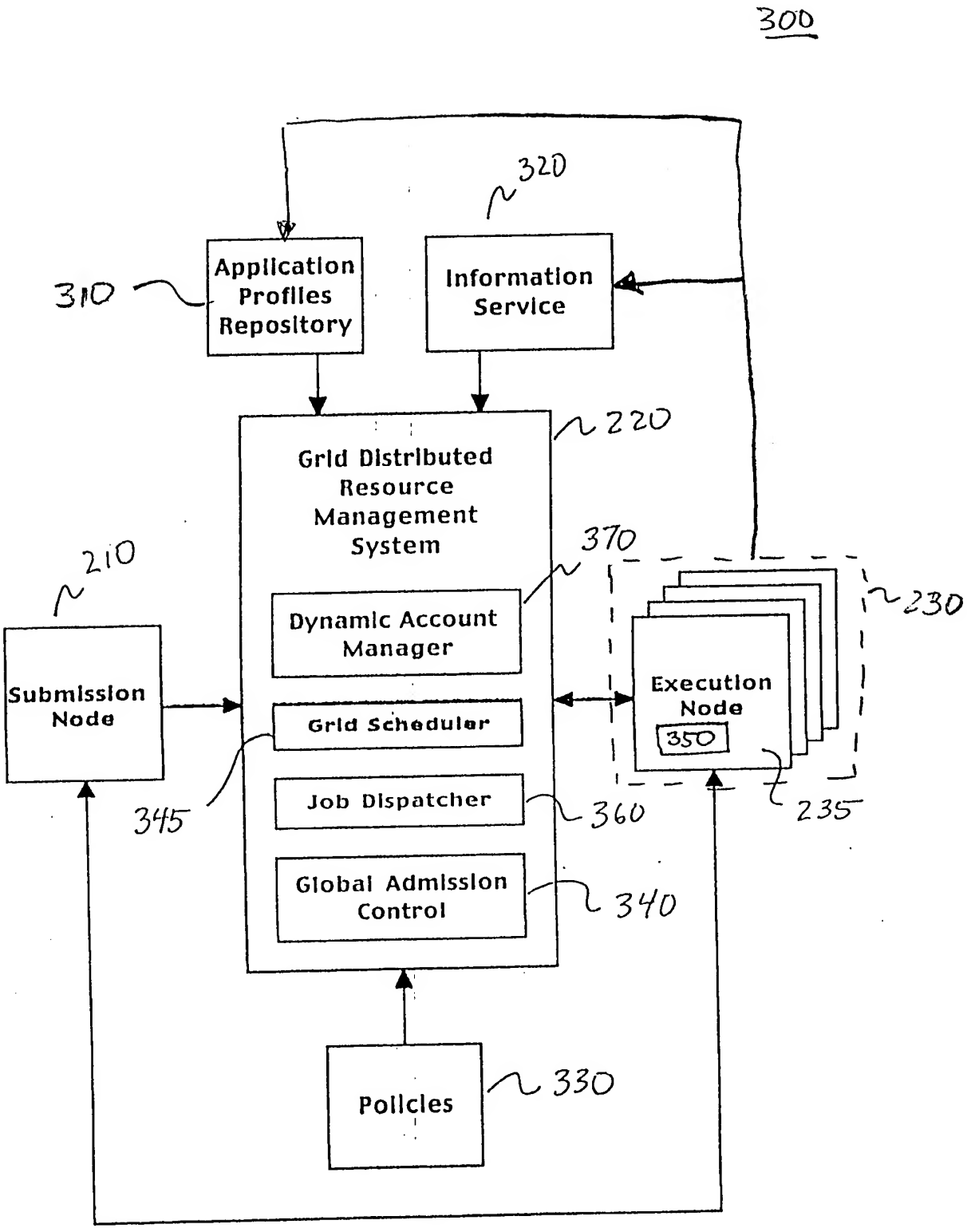
300
320
Application Profiles Repository
310
Information Service
220
Grid Distributed Resource Management System
370
210
Dynamic Account Manager
230
Submission Node
Grid Scheduler
Execution Node
350
345
Job Dispatcher
360
235
Global Admission Control
340
Policies
330

Fig. 3

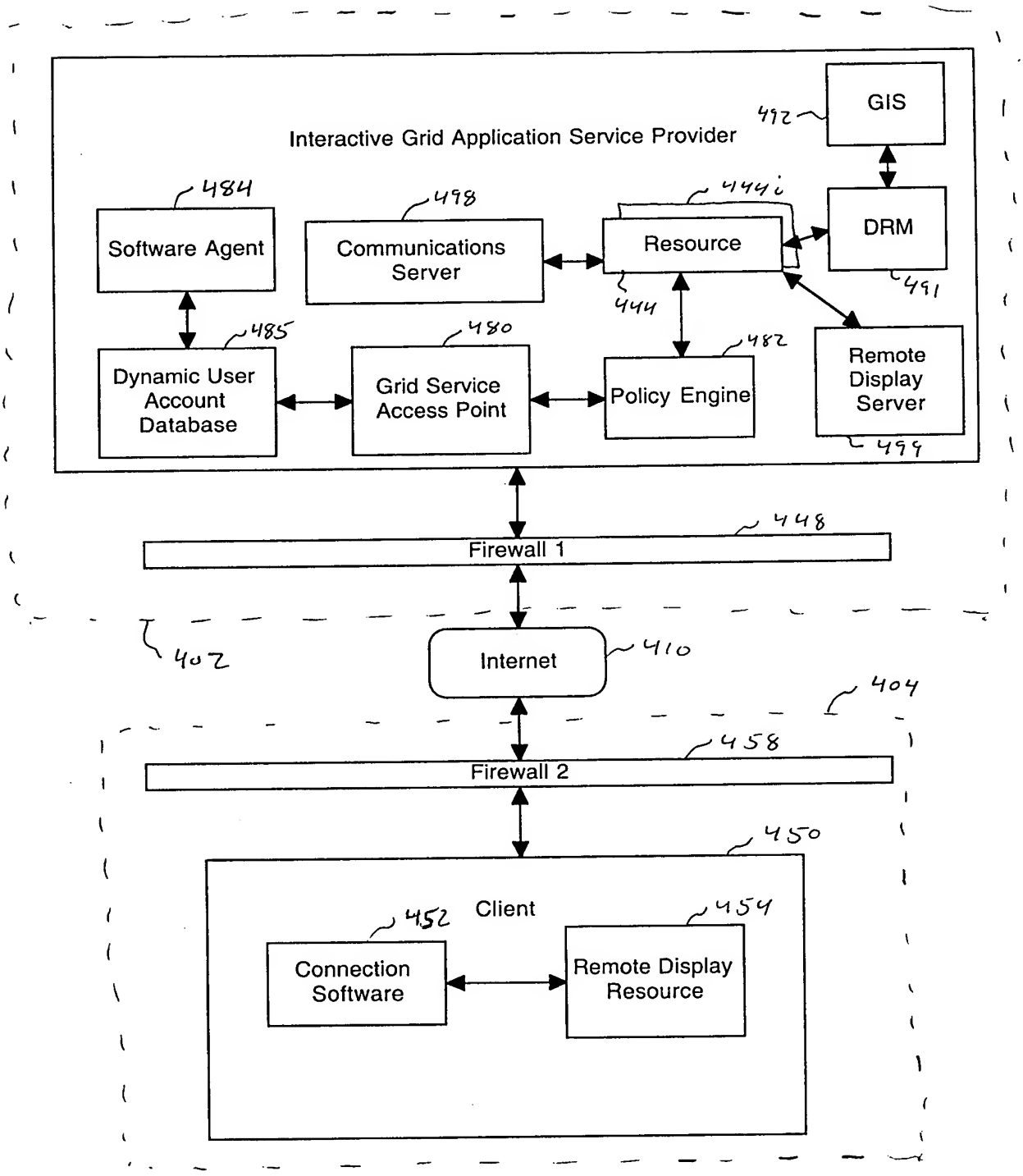
Interactive Grid Application Service Provider
GIS
492
484
Software Agent
498
Communications Server
444i
Resource
DRM
491
444
485
Dynamic User Account Database
480
Grid Service Access Point
482
Policy Engine
Remote Display Server
499
448
Firewall 1
407
Internet
410
404
458
Firewall 2
450
Client
452
Connection Software
454
Remote Display Resource

Figure 4

500

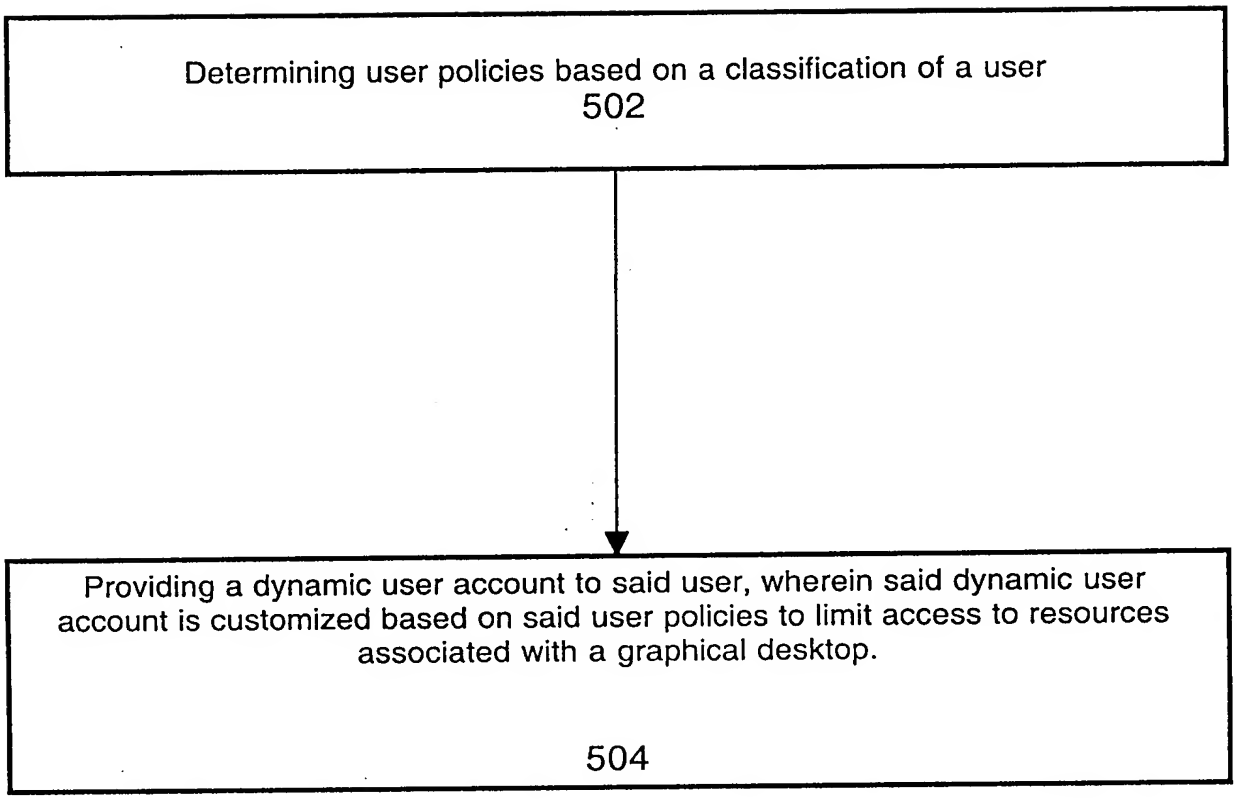
Determining user policies based on a classification of a user
502
Providing a dynamic user account to said user, wherein said dynamic user account is customized based on said user policies to limit access to resources associated with a graphical desktop.
504

FIGURE 5

600a

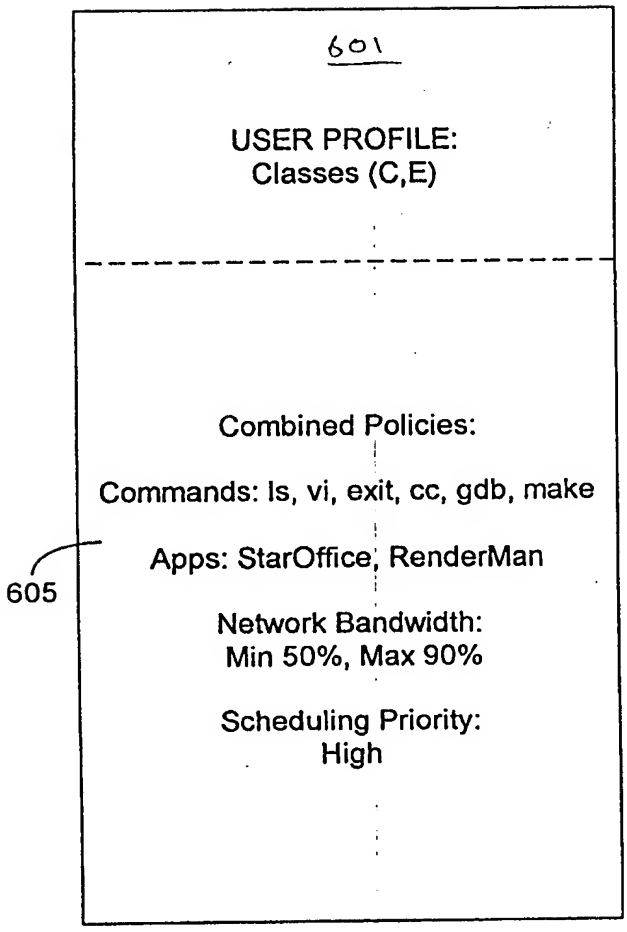
601
USER PROFILE:
Classes (C,E)
Combined Policies:
Commands: ls, vi, exit, cc, gdb, make
Apps: StarOffice, RenderMan
605
Network Bandwidth:
Min 50%, Max 90%
Scheduling Priority:
High

Fig. 6A

600b

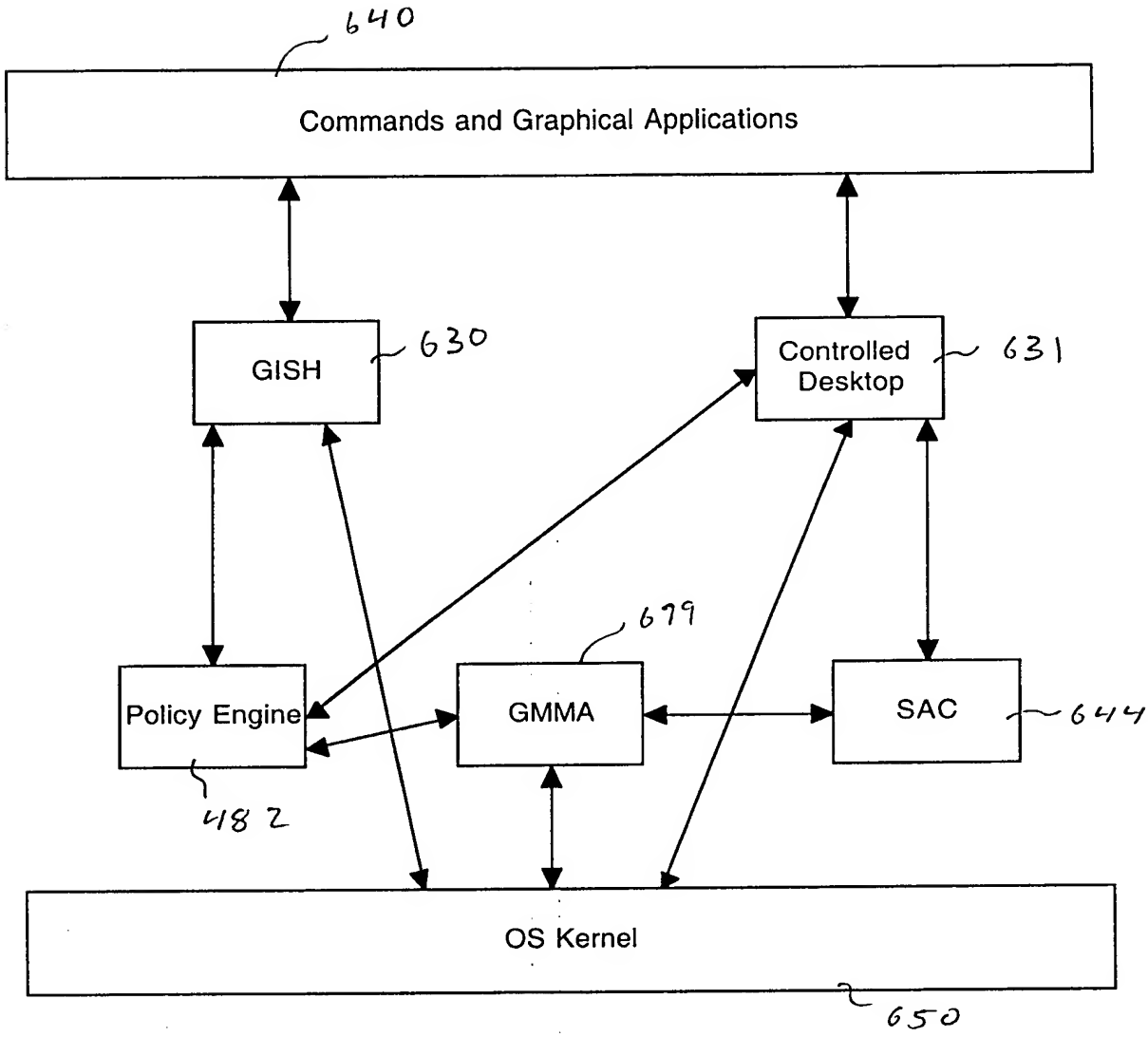

FIGURE 6B

700

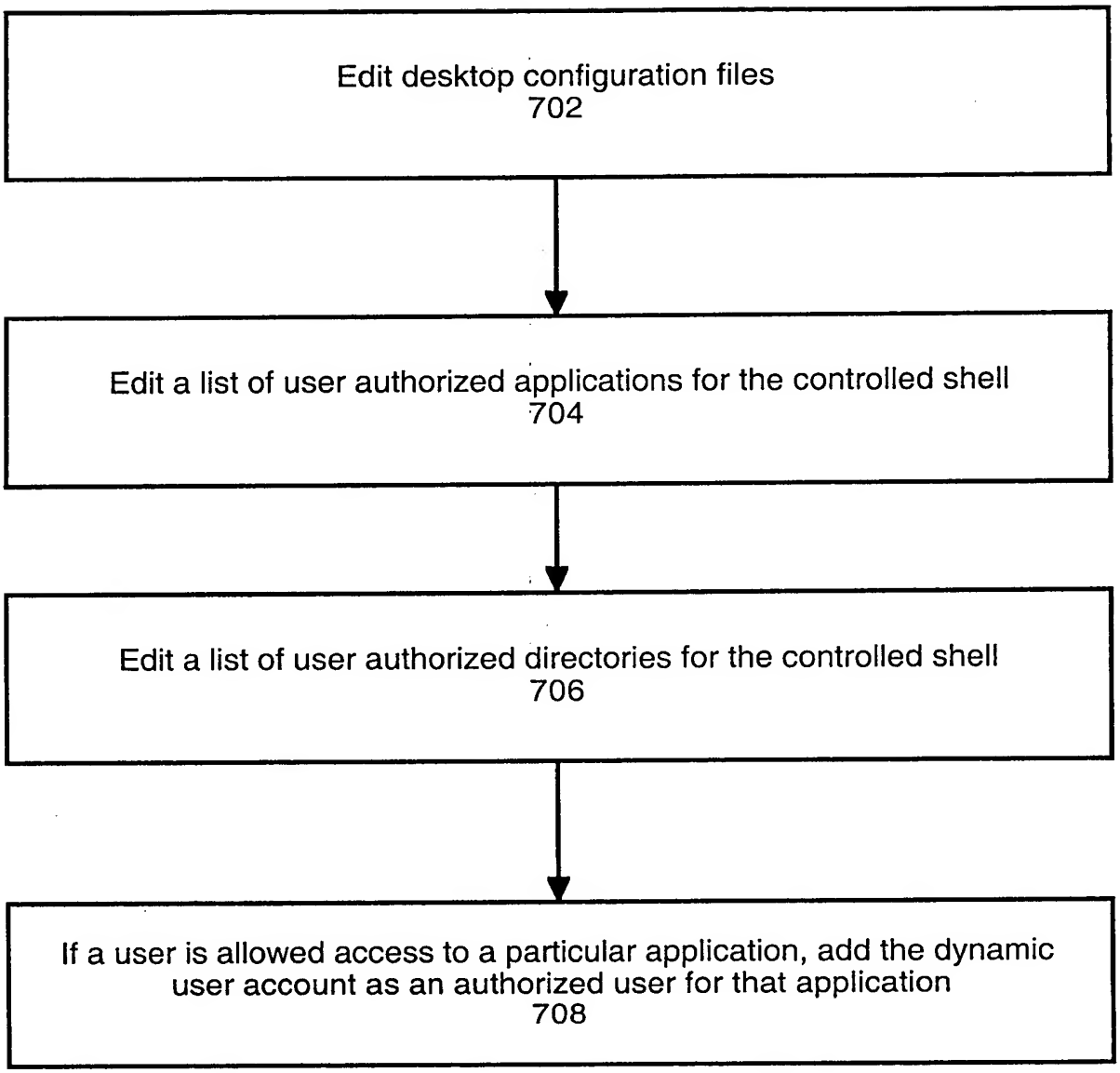
Edit desktop configuration files
702
Edit a list of user authorized applications for the controlled shell
704
Edit a list of user authorized directories for the controlled shell
706
If a user is allowed access to a particular application, add the dynamic user account as an authorized user for that application
708

FIGURE 7